Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A device for tissue repair or replacement, comprising first and second components having different relative rates of *in vivo* degradation, the first component comprising a ~~preformed~~ ceramic ~~scaffold structure~~ and the second component comprising a polymer, and the first component having a higher rate of *in vivo* degradation than the second component, the first and second components being arranged relative to each other with the first component forming a discrete structure with pores and the second component infiltrating the pores so that, after implantation of the device, the first component degrades *in vivo* leaving a scaffold formed of the second component, the scaffold having pores into which tissue can infiltrate, wherein the device, when initially implanted, does not have sufficient porosity to support tissue ingrowth.

2-7. (Cancelled)

8. (Original) The device of claim 1 wherein the device is substantially non-porous prior to implantation into a patient.

9. (Original) The device of claim 1 wherein there is at least an 8 week difference between the degradation rates of the components.

10. (Original) The device of claim 9 wherein the degradation rates differ by about 12 months to 2 years.

11. (Original) The device of claim 1 wherein at least one of the components includes a therapeutic additive.

12-36. (Cancelled)

37. (Currently Amended) A method of tissue repair or replacement, comprising implanting in a patient a device comprising first and second components having different relative rates of *in vivo* degradation, the first component comprising a ~~preformed~~ ceramic ~~scaffold~~ structure and the second component comprising a polymer, and the first component having a higher rate of *in vivo* degradation than the second component, the first and second components being arranged relative to each other with the first component forming a discrete structure with pores and the second component infiltrating the pores so that, after implantation of the device, the first component degrades *in vivo* leaving a scaffold formed of the second component, the scaffold having pores into which tissue can infiltrate, wherein the device, when initially implanted, does not have sufficient porosity to support tissue ingrowth.

38-48. (Cancelled)

49-50. (Cancelled)

51. (Previously presented) The device of claim 1 wherein the device, when initially implanted, is in the form of a solid preformed structure.

52. (Currently Amended) The device of claim 1 wherein the polymer fills interconnecting pores of the discrete structure ~~ceramic scaffold~~.

53. (Previously presented) The device of claim 51 wherein the polymer is resorbable.

54. (Currently Amended) A device for tissue repair or replacement, comprising first and second components having different relative rates of *in vivo* degradation, the first component comprising a ~~preformed~~ ceramic ~~scaffold~~ structure and the second component comprising a polymer, with the first component forming a discrete structure with pores and the second component infiltrating the pores ~~wherein pores of the preformed ceramic scaffold structure are infiltrated with the polymer~~, and wherein the first component has a higher rate of *in vivo* degradation than the second component, the first and second components being arranged relative to each other so that, after implantation of the device, the first component degrades *in vivo* leaving a scaffold formed of the second component, the scaffold having pores into which tissue can infiltrate, wherein the device, when initially implanted, is substantially non-porous ~~does not have sufficient porosity to support tissue ingrowth~~.

55. (Currently Amended) The device of claim 54 wherein the polymer fills interconnecting pores of the discrete structure ~~ceramic scaffold~~.